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Beth Pearson-Naul

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Paul G. Cairns et al. Group Art Unit: 3672

SERIAL NO.: 10/629,268

Examiner: TSAY, FRANK July 29, 2003 FILED:

TITLE: "Measurement-While-Drilling Confirmation No.: 6684

Assembly Using Real-Time Toolface Oriented Measurements" Atty Docket No.: 414-29494-US

PRELIMINARY AMENDMENT

Before any substantive action on this application, please amend the application as indicated. Amendments to the specifications start on page 2 of this document. Amendments to the claims start on page 3 of this document.

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